

1 / 19

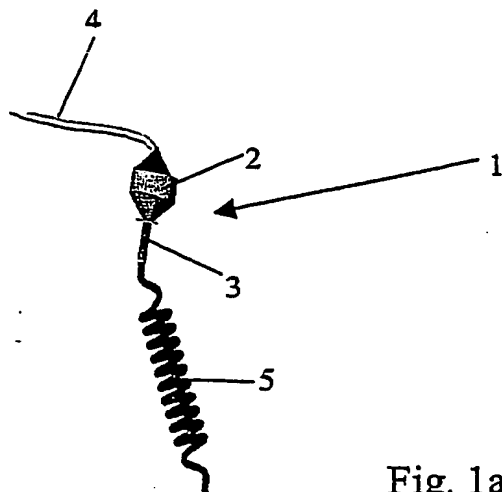


Fig. 1a

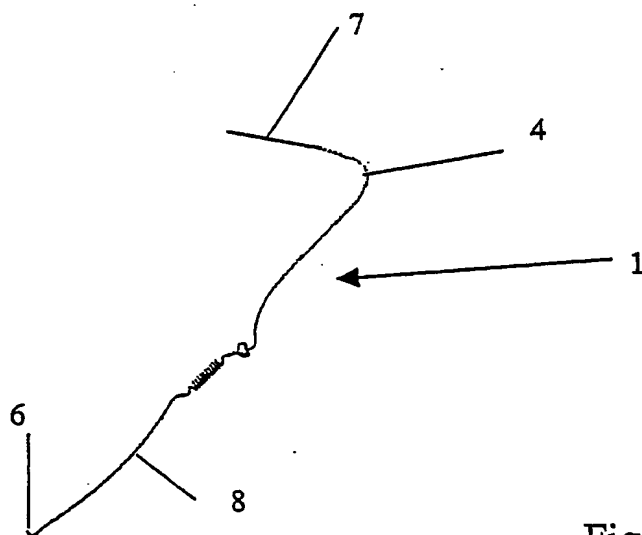


Fig. 1b

2 / 19

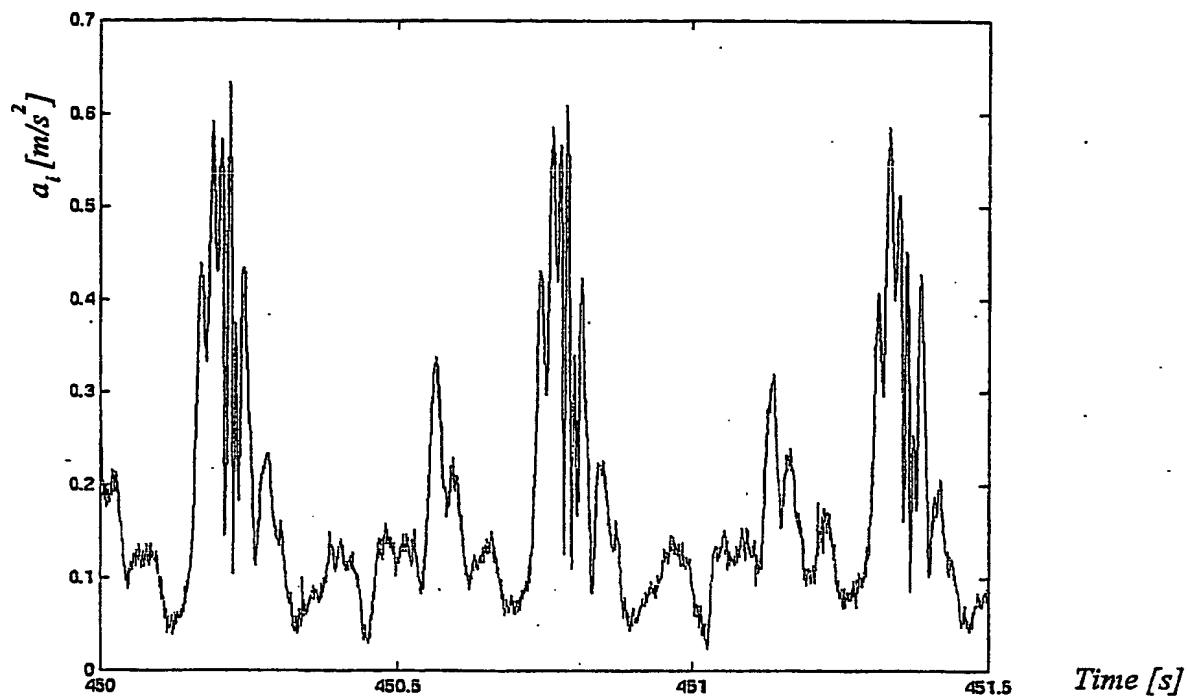


Fig. 2a

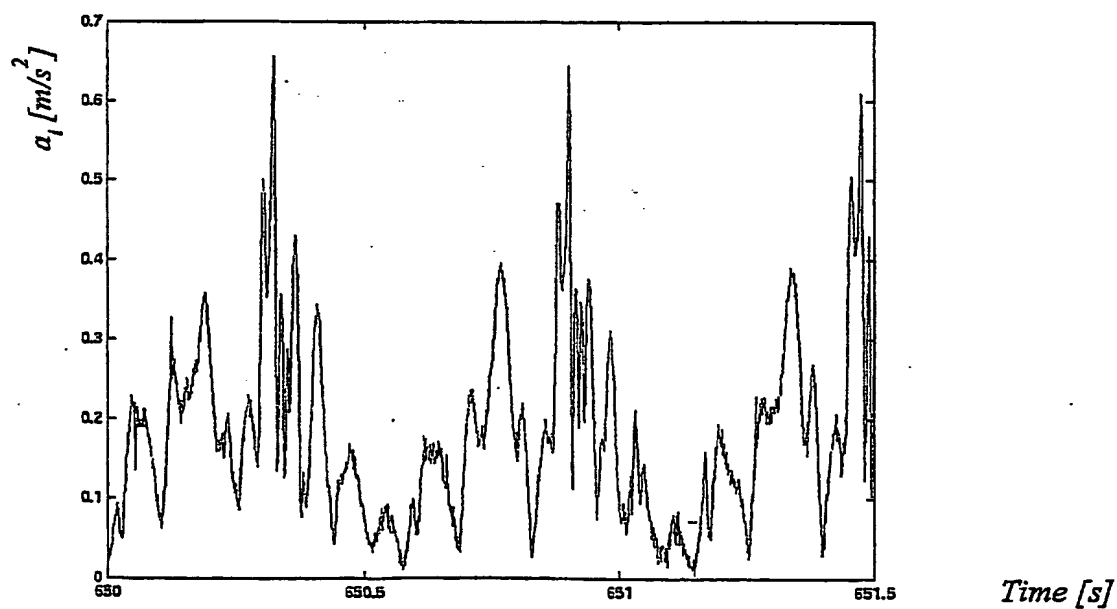


Fig. 2b

3 / 19

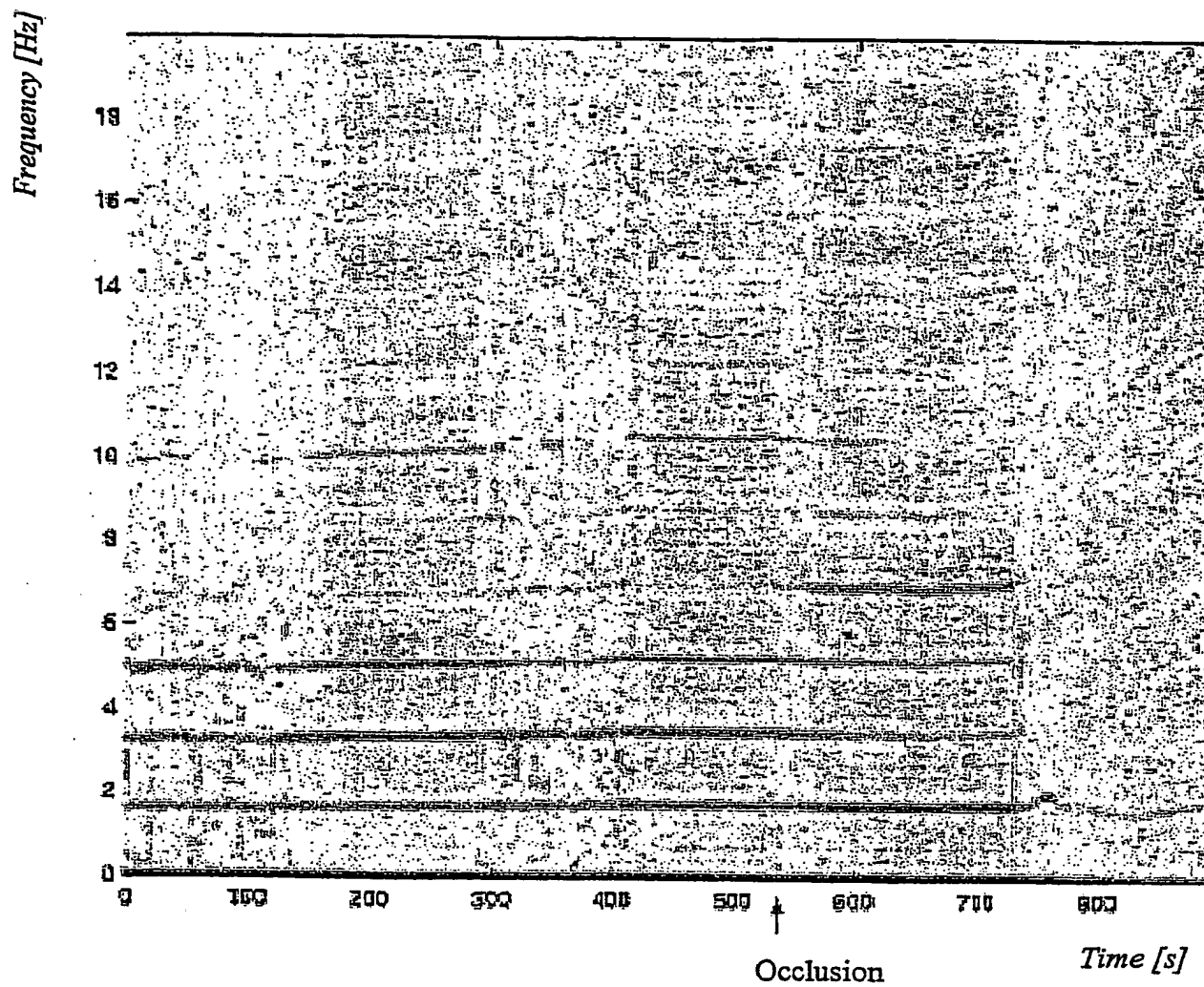


Fig. 3

4 / 19

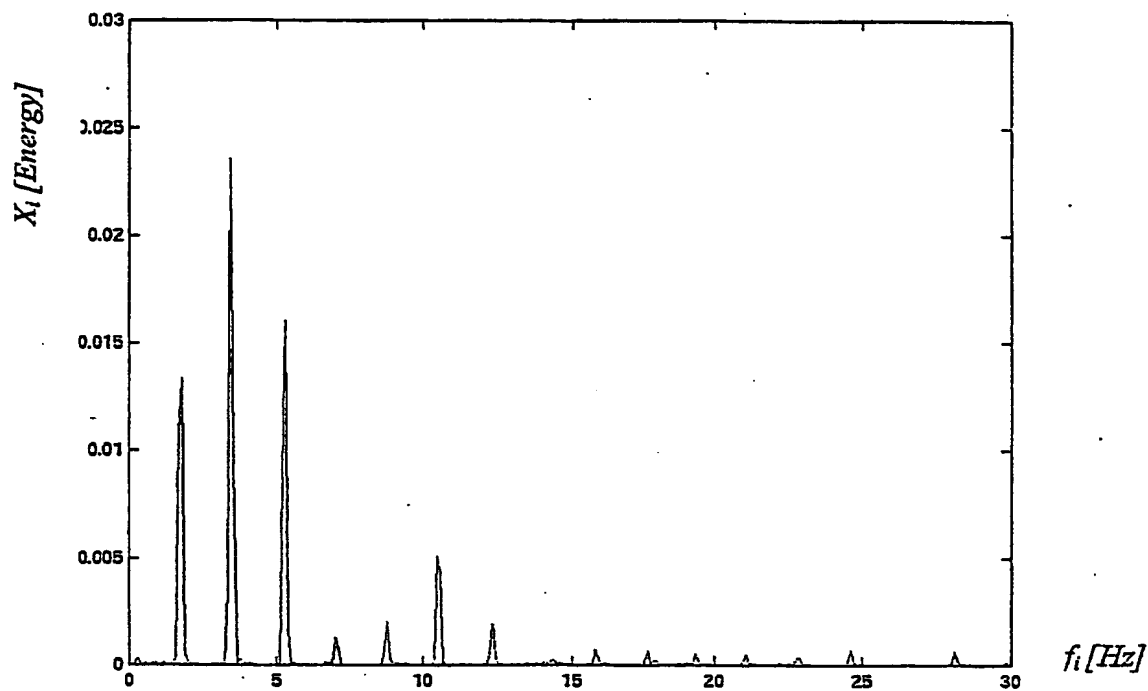


Fig. 4a

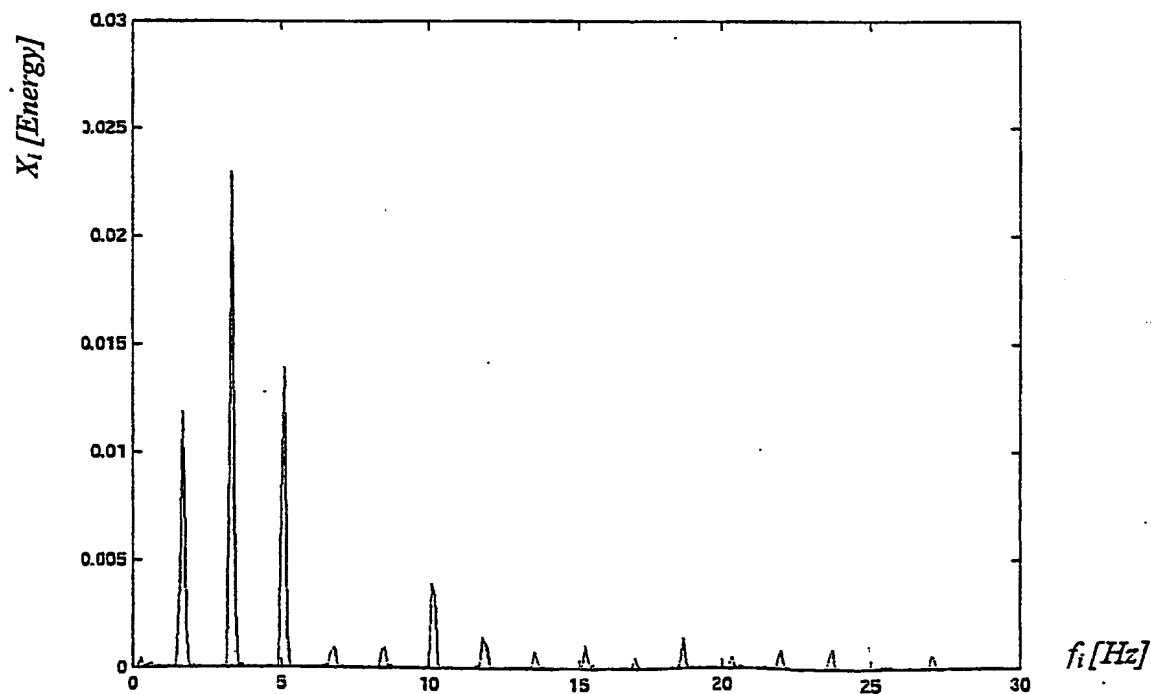


Fig. 4b

5 / 19

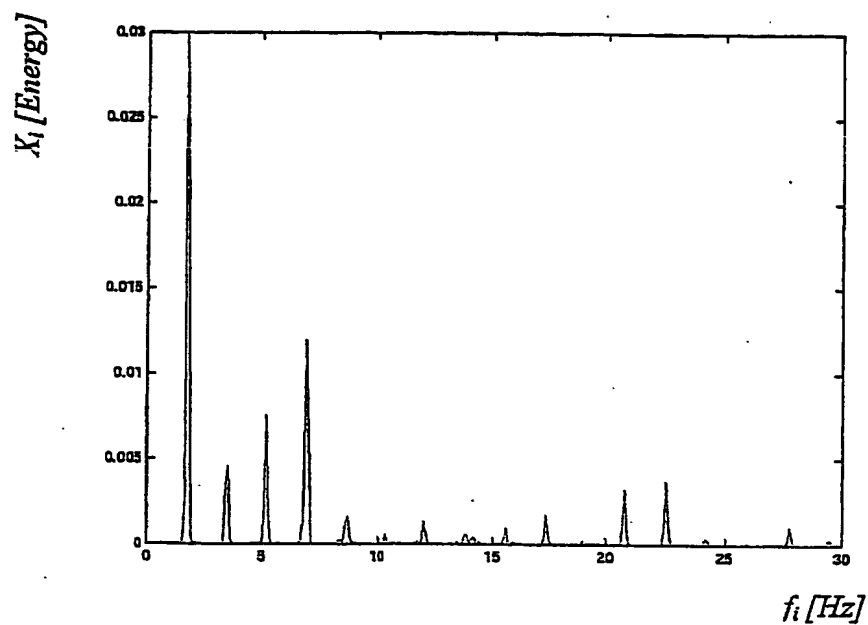


Fig. 4 c

6 / 19

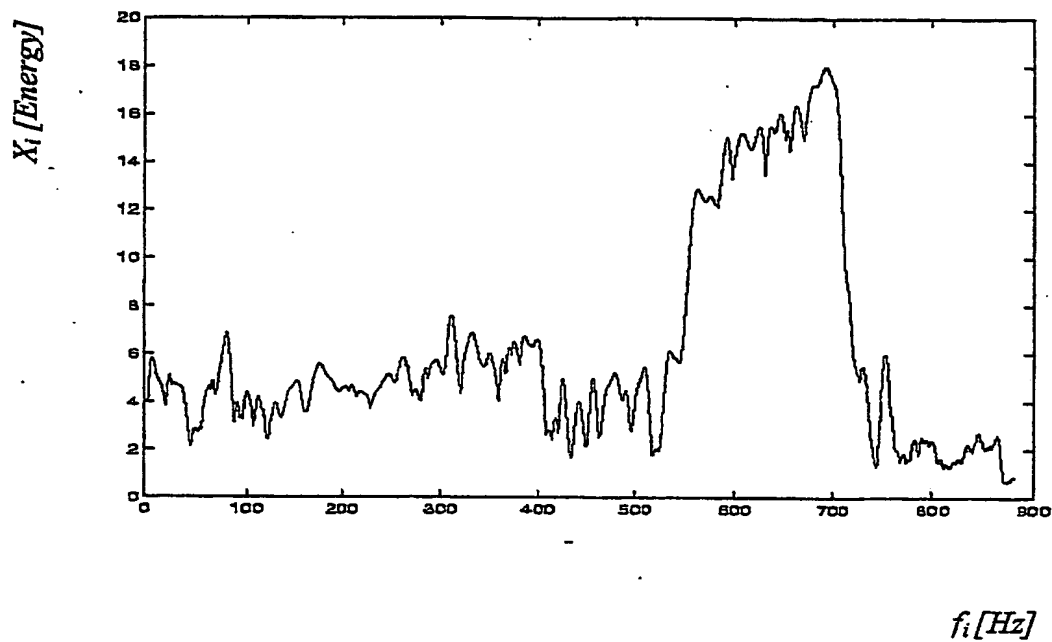


Fig. 5

7 / 19

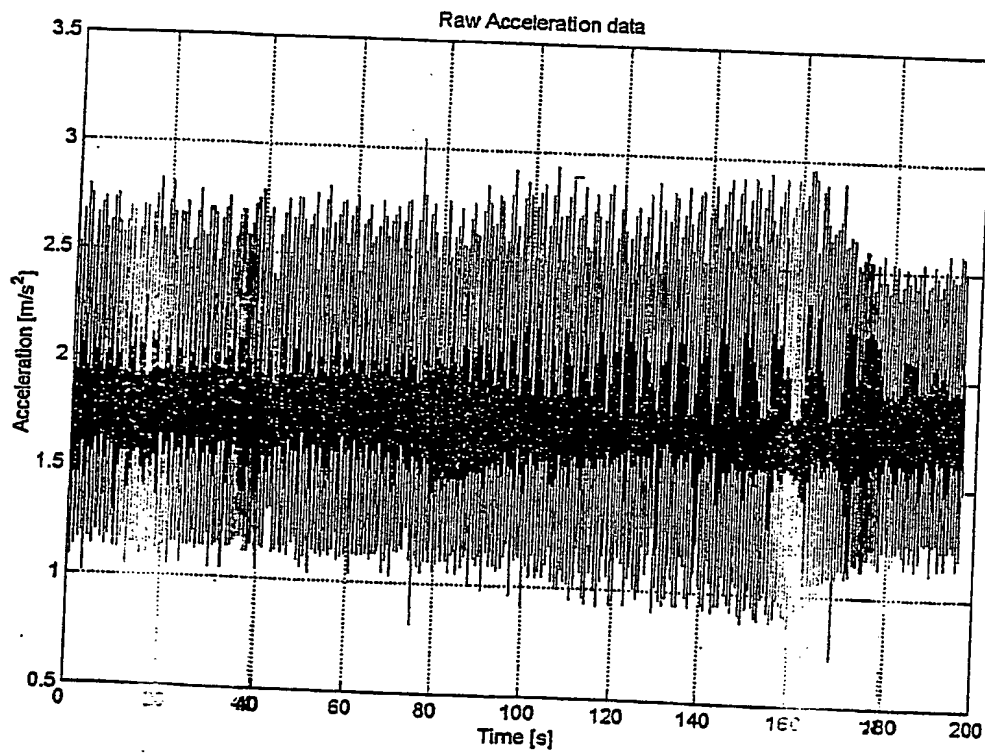


Fig. 6

8 / 19

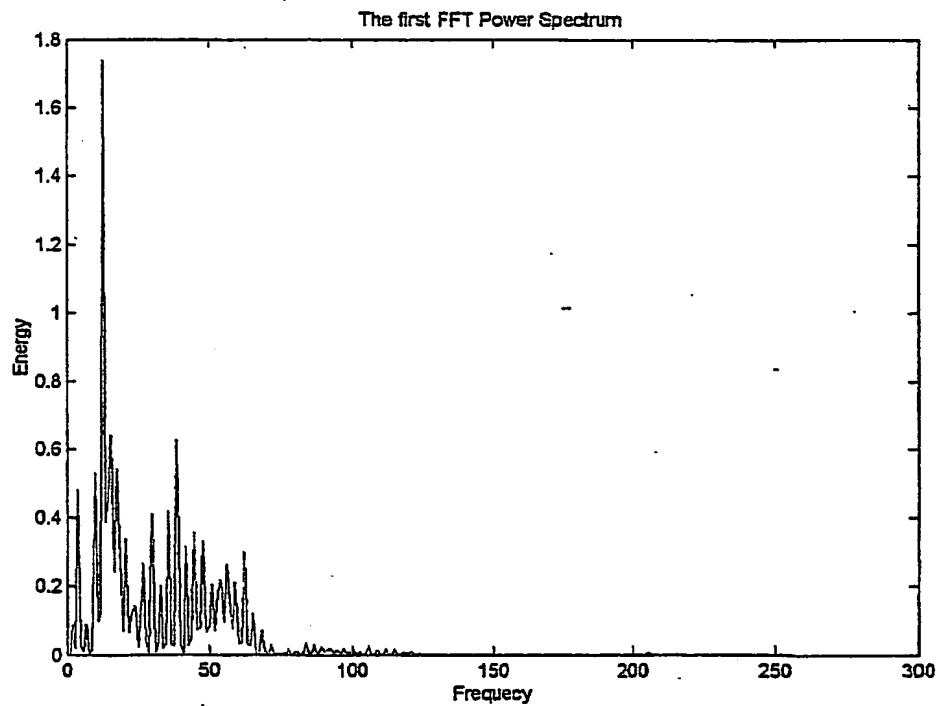


Fig. 7



9 / 19

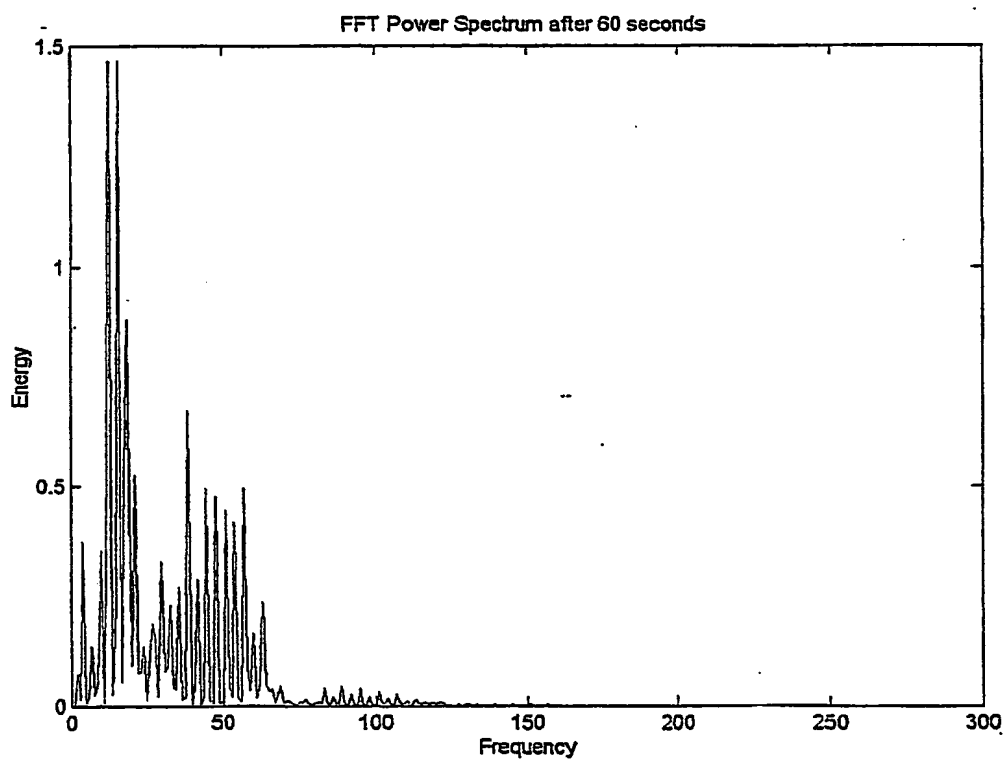


Fig. 8a

10 / 19

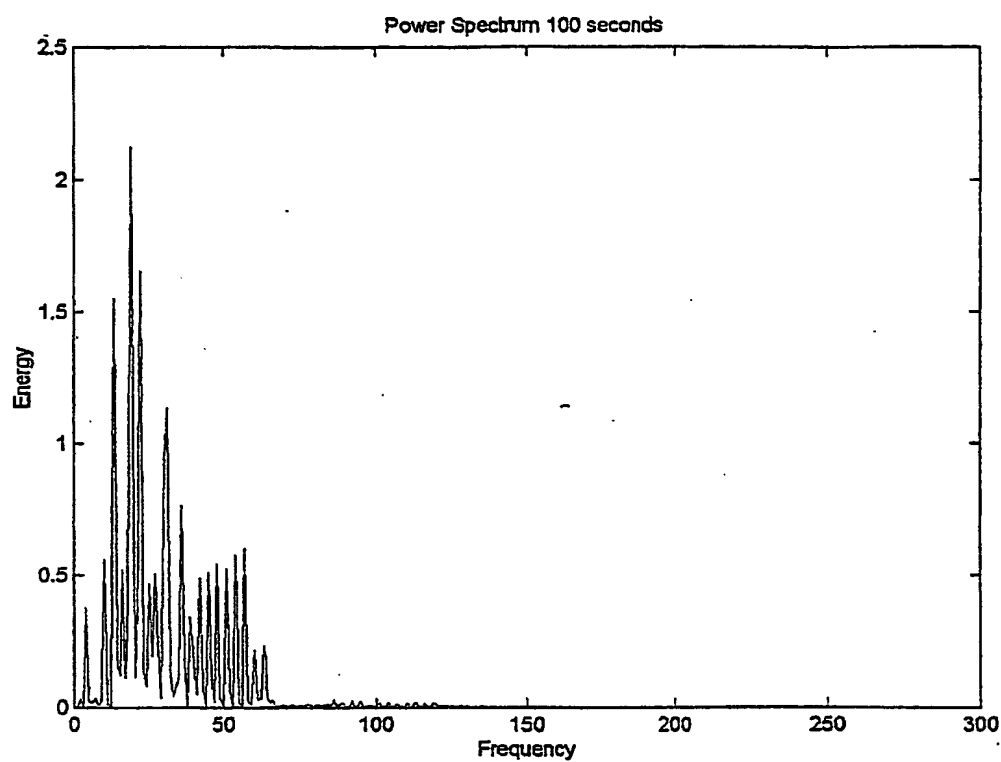


Fig. 8b

11 / 19

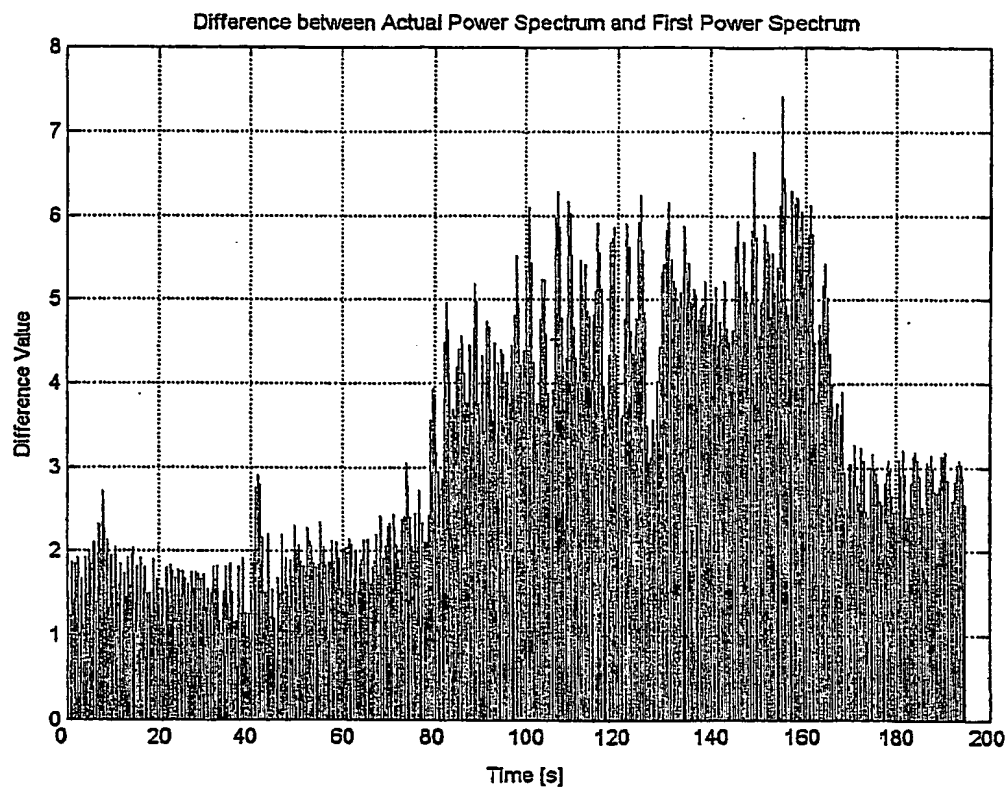


Fig. 9

12 / 19

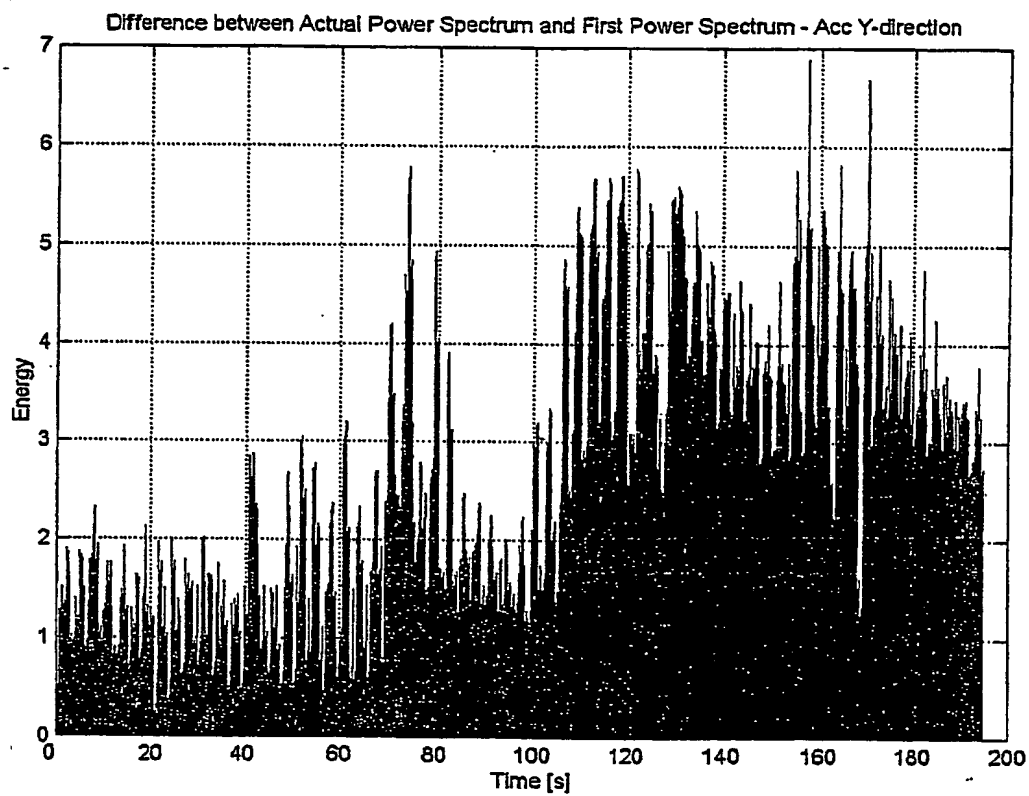


Fig. 10a

13 / 19

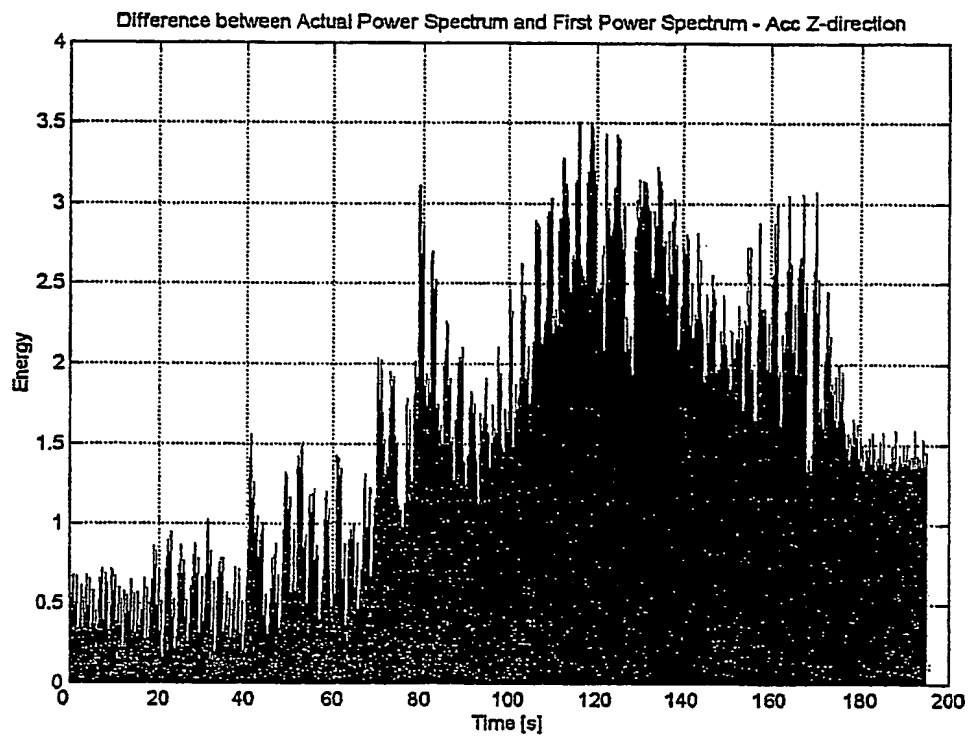


Fig. 10b

14 / 19

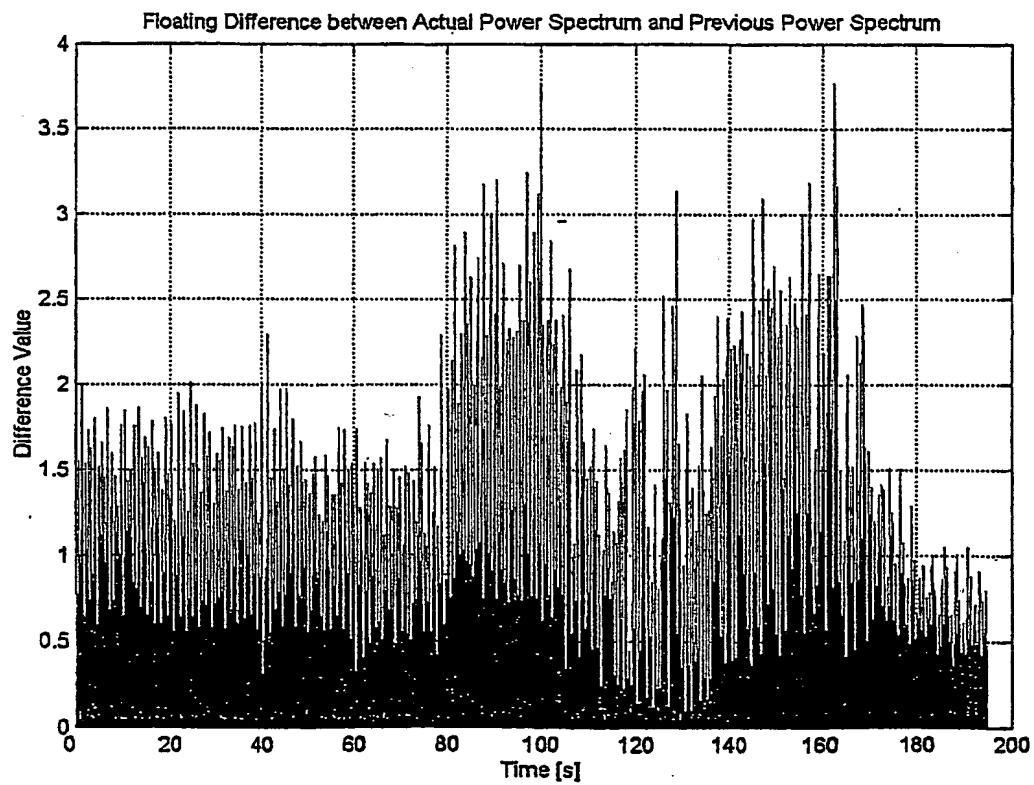


Fig. 11

15 / 19

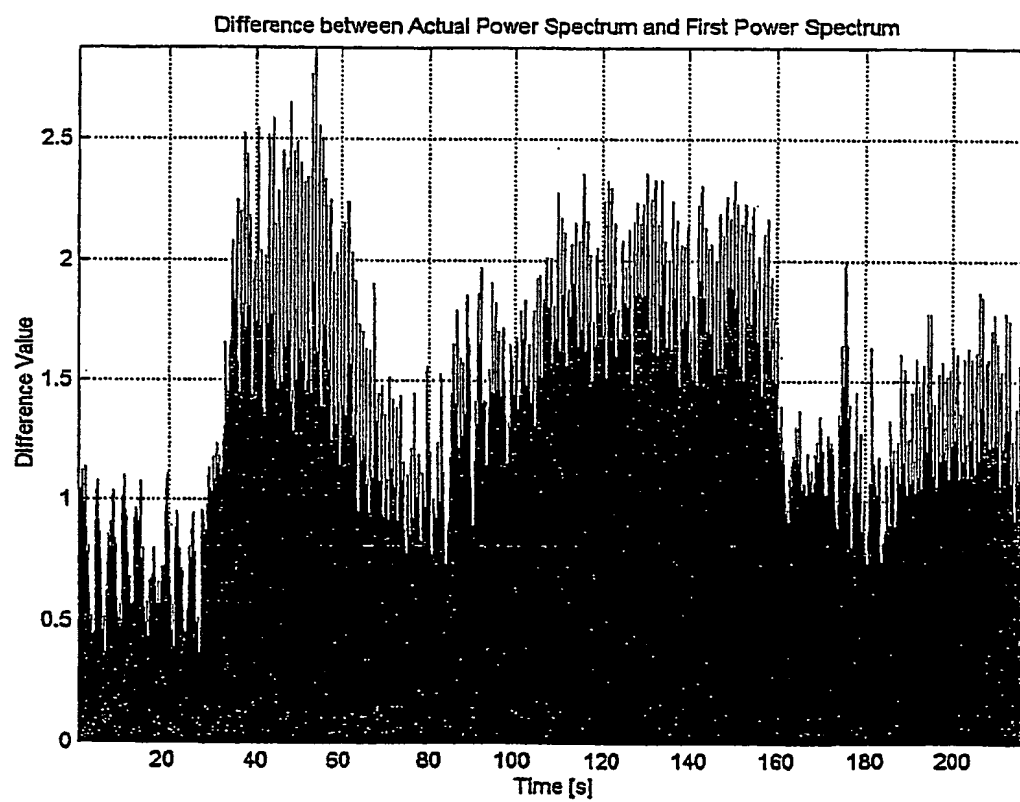


Fig. 12

16 / 19

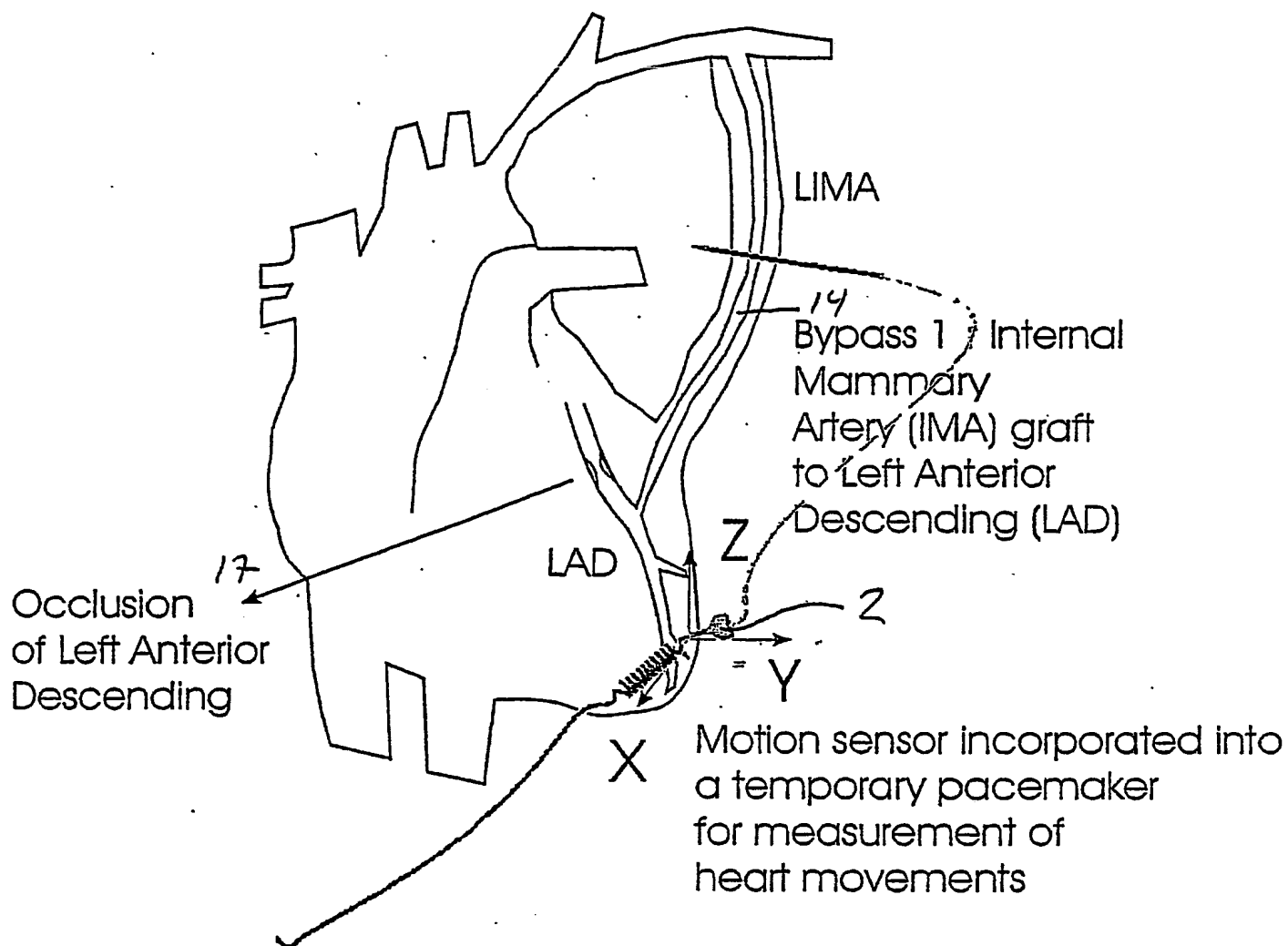


Fig. 13



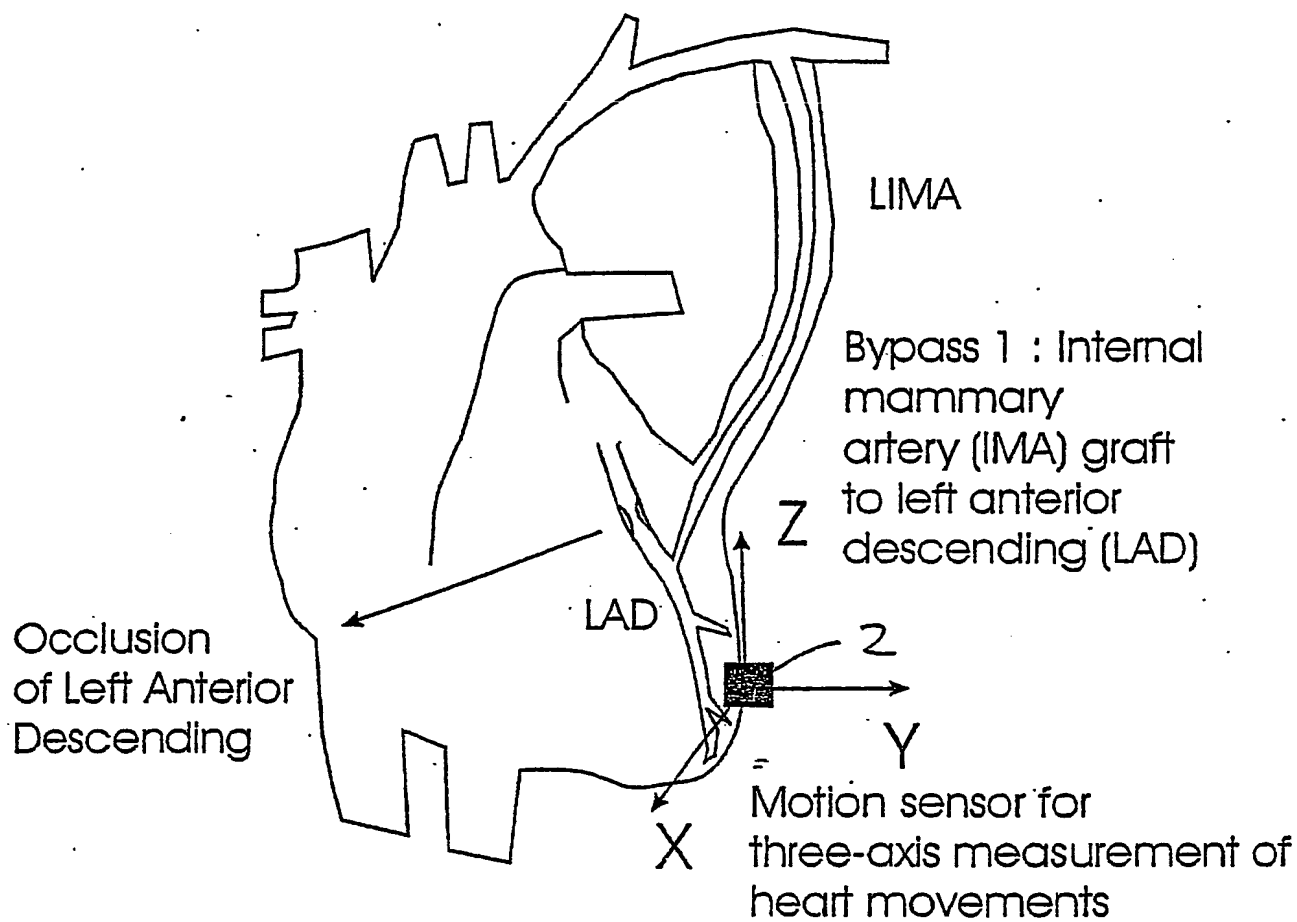


Fig. 14

18 / 19

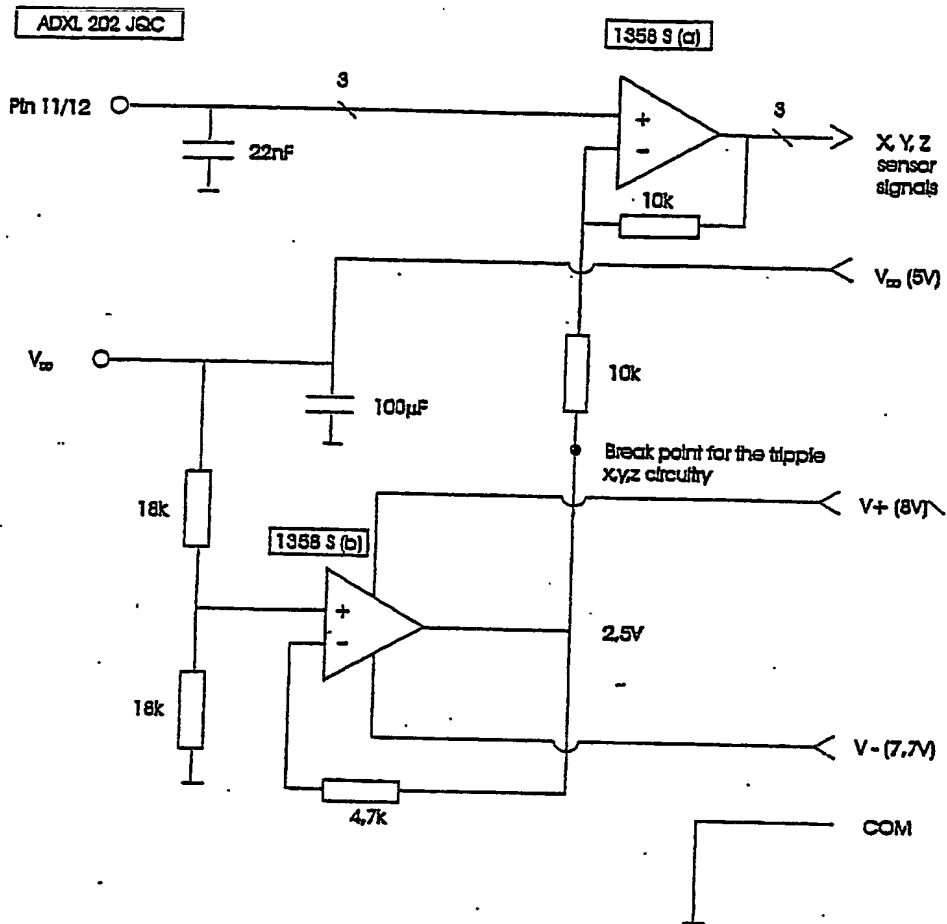


Fig. 15

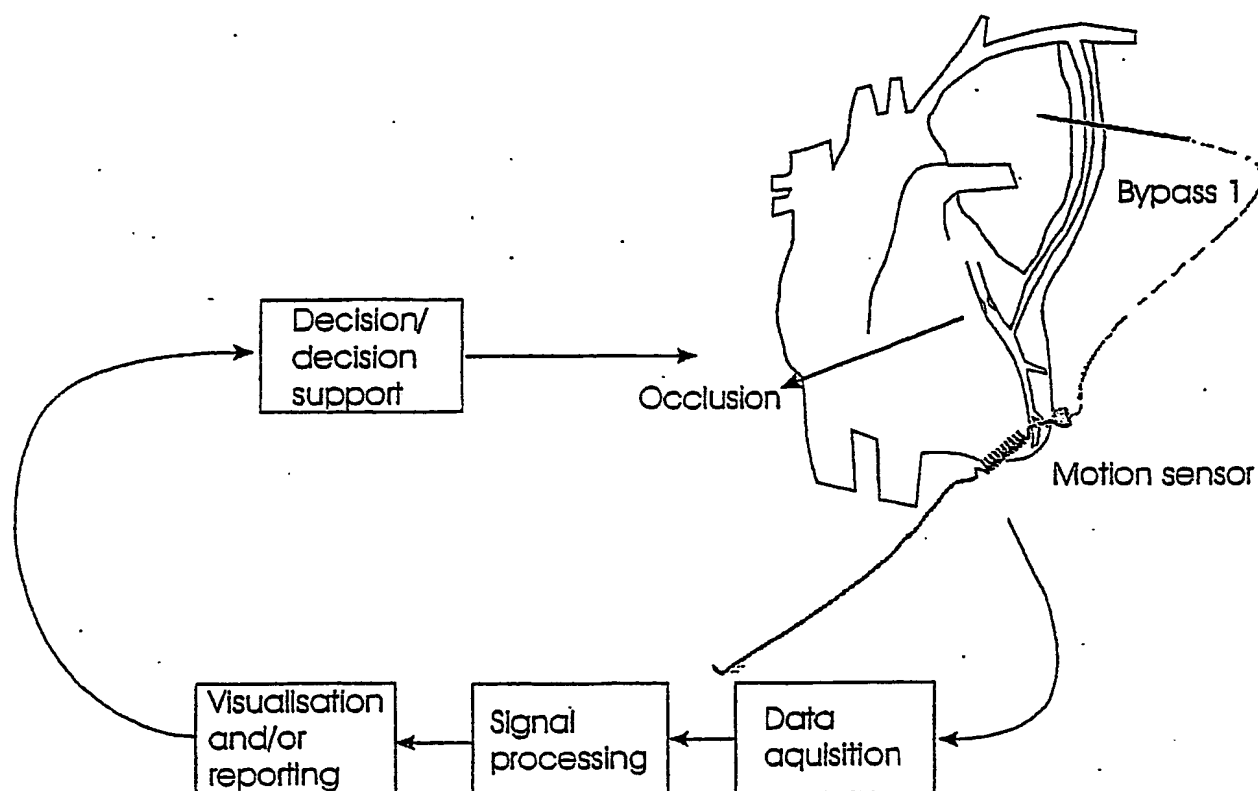


Fig. 16

**This Page is Inserted by IFW Indexing and Scanning  
Operations and is not part of the Official Record**

**BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ BLACK BORDERS
- ☐ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
- ☐ FADED TEXT OR DRAWING
- ☐ BLURRED OR ILLEGIBLE TEXT OR DRAWING
- ☐ SKEWED/SLANTED IMAGES
- ☒ COLOR OR BLACK AND WHITE PHOTOGRAPHS
- ☐ GRAY SCALE DOCUMENTS
- ☐ LINES OR MARKS ON ORIGINAL DOCUMENT
- ☐ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY
- ☐ OTHER: \_\_\_\_\_

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.**